

In the Churches

CENTRAL UNION.

Rev. Doremus Scudder, D. D., minister; Rev. Amos A. Ebersole, associate minister.
9:50 a. m.—Bible school. William A. Bowen, superintendent.
10:10 a. m.—Adult Bible class for men and women. Conducted by Rev. F. S. Scudder.
11 a. m.—Morning worship. Sermon by Rev. Frank L. Goodspeed, D. D., of the First Presbyterian church, Oakland, Cal.

There will be no evening service at this church Sunday evening. The congregation will join in the union service held in the Bijou Theater at 7:30 under the auspices of the Inter-Church Federation. Dr. Goodspeed will speak on "How to Make a Great Race." Special music. The public is cordially invited.

REORGANIZED CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS.

Church on King street, near Thomas Square.

9:45 a. m.—Sunday school, with classes for all ages. Also adult class in both Hawaiian and English. Lesson topic, "Aaron, the High Priest."

11 a. m.—Month prayer and sacrament service. Every member should make an effort to be present with as many friends as possible.

6 p. m.—Zion's Religio-Literary Society will give a musical and literary program. Also regular lesson study and normal drill.

7:30 p. m.—Evening worship. Sermon by Elder McConley.
All are cordially invited to our meetings. We are not afraid of investigation, and free literature is ready for all those who will read with a desire to learn.

HOME OF TRUTH.

1220 Kapiolani street, near Beretania avenue. Mrs. M. M. Hunter-Jones, ministrant.

Sunday service, 11 a. m. Subject, "The Body Beautiful; or, The Perfect Man."

Thursday, 8 p. m., a series of lessons on the activities of the Spirit. Subject, "The Subconscious Mind: How to Direct It and How to Make Use of It." A metaphysical library and free reading room are connected with the Home, to which we welcome all visitors and investigators of the New Thought. Cooperation and unity are expressions of Christ love, expression means action, so we lovingly invite all to actively express their cooperation by their presence at these meetings. Everybody welcome.

FIRST METHODIST EPISCOPAL.

Corner Victoria and Beretania. Pastor, Rev. R. Elmer Smith. Parsonage adjoining church.

Sunday school, 9:45 a. m.; men's class, 10:15 a. m.; morning service, 11 o'clock.

The men's class cordially invites all men to attend its services. A very pleasant hour is spent every Sunday.

at this meeting. Discussions on important subjects are always enjoyed by those present, under the leadership of Judge Quarles.

The pastor will occupy the pulpit in the morning, taking for his subject "Life's Greatest Mistake." Owing to the mass meeting at the Bijou, no services will be held in the evening.

CHRISTIAN CHURCH.

King and Alakea streets. David Cary Peters, minister.

Sunday morning the minister's sermon will be "Apart With the Master"—a vocational sermon for distracted folks.

In the evening the young people will hold their meeting at 6:30, but there will be no sermon, this church uniting in the union service under Dr. Goodspeed at the Bijou at 7:45.

Strangers and men of the service especially invited to attend.

FIRST CHURCH OF CHRIST, SCIENTIST.

Sunday services—Sunday school at 9:45 a. m. for young people under 20 years. Lesson sermon at 11 a. m.; subject, "Love."

Wednesday evening—Testimonial meetings at 8 o'clock.

All services are held in the Odd Fellows' building, Fort street, where also a free reading room is open to the public daily from 11 a. m. to 1 p. m. All are cordially invited.

IF ROOSEVELT MEN SEIZE TICKET, TAFT MEN WILL LOSE

Electors in Several States Are Planning to Usurp Republican Lists

WASHINGTON, D. C., July 19.—Charges that the Roosevelt party is trying to steal Republican electors in various States, and is in a fair way of making good on the theft, were made at the White House by Republican leaders who conferred with President Taft.

The conference related to the serious situation in Kansas, South Dakota, Pennsylvania, California and other States, where the Roosevelt leaders have things in splendid shape to support Roosevelt men for electors under the cover and guise of Republican electors.

Those who talked with the President and Secretary Hilges were Representatives Burke, Moore and Campbell, the former vice-chairman of the Republican Congressional committee, and Mr. Campbell vitally interested because of the program of the Roosevelt men in Kansas. Republican Congressional candidates are involved in nearly all the States, and if the Republicans hope to elect a Republican House in November they must get the complications cleared up. Representative McKinley, chairman of the Republican congressional committee, had seen the President earlier in the day.

"Thou Shalt Not Steal." The cardinal plank in the Roosevelt platform is "Thou Shalt Not Steal." Representative Burke told the President and Mr. Hilges, "but in South Dakota the third party people have already proceeded to attempt to steal the Republican electoral vote of the State, the plainest and most rotten game of theft ever tried in American politics. The same game is being followed in other States, and the worst of it is that in some places, possibly, the regular Republicans will be helpless."

Senator Gamble of South Dakota, who also saw President Taft, denounced the game in his State as a steal and told the details. The Republican State committee there met to nominate electors, as provided in the law, and to attend to other business. The committee proceeded to nominate straightout Roosevelt men as electors, to be placed on the ticket as Republicans, and admits that if they are elected in November, although sailing under the name of Republicans, they will vote for Roosevelt. The Taft Republicans, it is stated, have the recourse in that State of putting regular Republican electors on the ticket by petition, and this is likely to be done.

The Kansas Situation.
The conference related largely to the situation in Kansas, where the first test of strength between the Roosevelt and Taft men will come August 6, in the primaries to be held that day. These primaries will be for the nomination, as Republicans, of a full State ticket, Congressional candidates, State Legislature and electors. Gov. Stubbs and Senator Bristow are both out for Roosevelt, and claim that if the Roosevelt electors are nominated in the primaries they can and will be put up as Republicans under the heading of Taft as the Republican nominee, but will vote for Roosevelt in the electoral college.

The regular Republicans in Kansas are working like beavers to defeat this scheme, but do not know whether they will succeed. The Taft Republicans have put up a ticket of electors and the Roosevelt people have done the same thing. The Roosevelt people will sail under the name of Republicans, the Stubbs program being not to bring the new party name into the game, but permit the whole scheme to be worked out under the pretense of Republicans.

Taft Men See Breakers Ahead.
If the Roosevelt electors carry the primaries and go upon the Republican ticket the Taft men, under the Kan-

sas laws, will have absolutely no defense. They cannot put up another ticket by petition, or otherwise, and would be put in the position of having to vote for Democratic electors to prevent Roosevelt carrying the State, or remaining away from the polls and letting the State go to Roosevelt. The Taft men hope to win with their ticket of electors, but they have the full State administration and machinery against them, and are dubious as to how matters will turn out.

Their one ray of hope is that some of the electors nominated by the Roosevelt people will decline to become parties to a plain steal of the electoral vote of the State and will announce that if they go upon the Republican ticket they will vote for Taft for President in the electoral college.

Declaring he does not see how a genuine progressive can support either Taft or Wilson, Congressman Lafferty, regular Republican nominee for re-election from the Third Oregon district, announced that he would support Colonel Roosevelt for President.

Nothing short of a complete political revolution, said Lafferty, "will put the public in charge of the machinery of the Government. Roosevelt is the only man willing to lead that revolution, and I firmly believe he will be elected."

"Roosevelt is the greatest man since Gladstone, and I will miss my guess if he is not elected to the Presidency for a second time in November, as he has a right to be under the precedents. The hackneyed remedies of Taft and Wilson, which propose to deal with the burning industrial questions of this great country by filing a few tedious law suits under the Sherman anti-trust law, will be thrown into the discard by the voters when the Roosevelt platform is announced at Chicago, and his campaign gets fully under way."

GROWING DIAMONDS

It has been known for some time that the vapor of mercury has the power of decomposing various compounds of carbon in a way that separates the carbon out in a pure state. Amalgams, or mercury alloys of sodium and other metals slowly lose the mercury through evaporation. When such amalgams are placed in contact with hydrocarbons, these are decomposed, liberating the carbon as a shapeless mass and also a few crystals. These, however, are so small and so few as to be of no practical value. A chemical engineer by the name of Von Bolton has undertaken to produce large crystals of carbon by making the mercury decompose carbon compounds under conditions favorable to the growth of crystals.

In a tube about 16 inches long and nearly an inch in diameter he placed a quantity of sodium amalgam containing about 85 per cent mercury. Over the amalgam he placed a layer of sodium silicate, or "water glass," and over this he sprinkled some diamond dust containing a number of very small crystals. Into the tube he then passed a current of ordinary illuminating gas, keeping the whole apparatus on the water bath at the temperature of boiling water. A number of crystals were formed, some of these being large enough to be seen without the aid of a microscope. That these were diamonds is indicated by the fact that they disappeared when heated in oxygen, or fused when heated with sodium carbonate. It may, therefore, be concluded that hydrocarbons are decomposed by mercury vapor in a way that liberates the carbon not merely as a shapeless mass, but also as crystals, if there is present a nucleus upon which the carbon crystal can grow.—Harper's Weekly.

STREET SWEEPING AS A FERTILIZER

A bulletin has been issued by the bureau of soils, U. S. Department of Agriculture, which might be of interest to the Honolulu board of supervisors and to local agriculturists. It is by J. J. Skinner and J. H. Beattie, scientists in soil fertility investigations. There are ten of these scientists employed, among them being Edmund C. Shorey, formerly Territorial chemist and pure food commissioner here.

In their introductory remarks the authors of the present treatise say:

"This bureau has many requests for information in regard to the value of street dust and street sweepings as fertilizing material, both from truckers and gardeners and from officials of large cities interested in the best means of disposing of city waste."

The debris which is collected from the streets of cities in commonly used as fertilizing material, being sold to nearby gardeners, truckers, and farmers. Its rather low cost making it particularly attractive. The main object of the city official is to dispose of the material, and in some cases it is burned and in others it is hauled to a dumping ground and used as filling material.

There is some variation in the character of the material collected from the streets of different cities, depending on the nature of the industries, the kind of paving material used, and the character of traffic on their streets, yet on the whole the collections from sweepings are very similar and consist chiefly of animal manure, leaves, dirt and trash, such as paper, fruit skins, particles of coal, etc. The sweepings may contain also finer particles of the paving substance and some oily material dropped from vehicles. This is especially true at the present time, when the use of power vehicles for pleasure and business is so extensive. The effect of the sweepings on crops, especially when used continually year after year on the same field, is a subject of much interest and has caused considerable speculation.

"This article deals with an investigation of the street sweepings of one of the larger cities. The material was studied from the point of view of its organic and inorganic constituents, and through cultural tests, by means of which its effect on plant growth was observed."

Details of the investigations, with tables showing results, follow, from which it appears that street sweepings make a valuable fertilizer, with the exception that the oil they now generally contain should be eliminated, as it is injurious. Following are the concluding remarks:

"An examination of the figures in the table shows that the sweepings and stable manure had about the same efficiency in causing increased growth. This is true with both the grain and the vegetable crop."

"The oil was also extracted from the sweepings by using ether as the solvent, and the sweepings afterwards tested in soils. This test also showed that the sweepings were practically as good as the stable manure. It will be recalled that the effect of the unextracted sweepings was not nearly so good as the effect produced by the stable manure. In other words, after the oil was removed from the street sweepings their action was practically the same as that of the stable manure. That the oil is the deleterious constituent of the sweepings is also borne out by the fact that the oil itself when added to culture solutions in which plants were growing markedly reduced their growth."

"The application of street sweepings to soils will undoubtedly have a beneficial effect and be a factor in building up the land. The possible danger of a harmful effect from the oily substance which it contains must, however, be considered. If the oil could be economically extracted this danger would be averted. The oil could in the debris for the first year or two

Washing Made Easy

No matter how soiled the clothes, they may be quickly cleaned without injury to fabric or hands with the superior laundry soap.

Crystal White Soap

Ask Your Grocer

LADIES!

We call your attention to the Bethel Street window, in which we are displaying some new REGAL CANVAS OXFORDS, regular \$3.50 grade, which we have placed on sale for a few days at

\$2.75

These are all fresh, new goods, and sizes are complete. Buy now, while you can get your size.

Regal Shoe Store

Geo. C. Brown, Mgr. King and Bethel Sts.

may not have any effect, but a continuous application to a field year after year may eventually impair its productiveness, unless through drainage or other natural agencies the oily material is drained off or changed. In some localities this is probably the case, as the use of such material is still said to be effective, although it has been applied for a number of years. No very definite field information on this point is, however, at hand. In this connection attention must be called to the fact that the presence of an unusual amount of oil in such street sweepings has been the result of automobile traffic, and hence appears only in recent years as an appreciable factor in the use of street sweepings as fertilizer, and it is improbable that the amount of oil will even further increase in the next few years.

"Aside from the physiological action of the oily material here mentioned, there are probably other more strictly physical effects, due to the coating of soil particles and consequent interference with normal moisture movement and solubility of the mineral soil constituents."

"Vegetable or animal oils undergo changes in soils under the influence of soil organisms, but so little is known concerning the action of organisms on the strictly hydrocarbon oils that no statement concerning the possible disappearance or change of this oil in street sweepings can be made."

GOLD LEDGE FOUND IN CELLAR OF HOTEL

NEVADA CITY, Cal., July 12.—When the hotel business no longer pays at the New York house in this city, the owner may go down into his wine cellar, remove the shelf that supports several rows of good vintage, take a pick and shovel and take out the gold that exists there in a ledge three feet wide that was uncovered by Dick Curtis and Sam Andrews yesterday while they were excavating for a place for a bottle rack. They broke off a piece of rock from the ledge, took it to the light and washed it, and found several colors of gold. Just what the rock would pay cannot be determined without an assay, but the gold could be seen sprinkled through the rock and it would likely lead to a well-developed ledge. The find created some excitement and it is likely that some of the other businessmen of the city may dig cellars to find if the ledge continues through their property.



THE HEINZ 57



BIG NEW SHIPMENT

Mince Meat Preserves India Relish

Apple Butter Baked Beans

Dill Pickels

Midget Gherkins

Tomato Catsup

Jellies

The Experienced housewife knows that, with Heinz Goods in the house, she'll never be worried about meals.

A Delicious Lunch can be gotten up with nothing but HEINZ GOODS and a loaf of bread.

Order from Your Grocer